

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION

5     Entitled :   CONTROLLING THE AXIAL POSITION OF A FAN BLADE

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ABSTRACT OF THE DISCLOSURE

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          The invention relates to a fan rotor comprising a  
disk having a rim with a plurality of substantially axial  
grooves that are regularly spaced apart angularly, a  
plurality of removable blades extending radially outwards  
20   from the periphery of said disk, each blade having a  
blade root received in a respective groove, a downstream  
flange plate secured to said disk with the downstream  
faces of the blade roots being in abutment thereagainst,  
and a removable upstream flange plate secured to said  
25   disk for the purpose of retaining the blade roots in the  
grooves. In the rotor, the upstream flange plate is  
fitted on its downstream face with resilient means for  
exerting sufficient force on the upstream faces of the  
blade roots, after assembly, to prevent any axial  
30   displacement of the blades during normal operation of the  
engine (apart from exceptional events of the type in  
which foreign bodies are ingested or blades are lost).